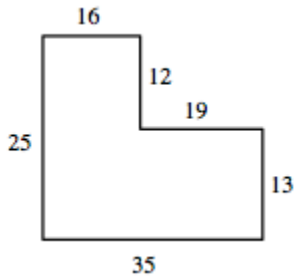
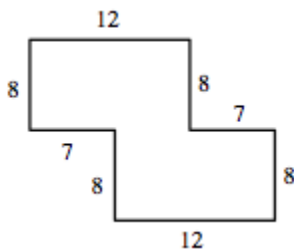


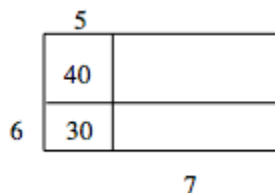
- **A-6.** Suppose you put one of your x -tiles and two unit tiles with another pile of three x -tiles and five unit tiles. What is in this new pile? Write it as a sum. [A-6 HW eTool \(CPM\)](#). [Help \(Html5\)](#) ⇌ [Help \(Java\)](#)
- **A-7.** Suppose one person in your team has two x^2 -tiles, three x -tiles, and one unit tile on his desk and another person has one x^2 -tile, five x -tiles, and eight unit tiles on her desk. You decide to put all of the tiles together on one desk. What could you call this new group of tiles? Write it as a sum. [A-7 HW eTool \(CPM\)](#). [Help \(Html5\)](#) ⇌ [Help \(Java\)](#)
- **A-8.** Copy the following figures onto your paper. Then find the area and perimeter of each shape, assuming that all corners are right angles. Be sure to show all of your work. [Help \(Html5\)](#) ⇌ [Help \(Java\)](#)



a.



b.



-
-
-
-
-

- **A-9.** Consider the rectangle at right. [Help \(Html5\)](#) ⇔ [Help \(Java\)](#)
 - . Find the perimeter of the large outer rectangle shown at right.
 - a. Notice that the areas of two of the parts have been labeled inside the rectangle. Find the total area. Remember to show all work leading to your solution.
- **A-10.** The word “evaluate” has many different meanings. In algebra, when you are asked to **evaluate** an expression for a specified value of the variable(s), you are being asked to find the value of the expression. You do this by replacing a variable with a number and calculating the result. For example, if you are asked to evaluate the expression $4x - 2$ when $x = -7$, you would put -7 in place of the variable and then calculate: $4 \cdot (-7) - 2 = -30$.
- Evaluate the expressions below for the given values of x and y . [Help \(Html5\)](#) ⇔ [Help \(Java\)](#)
 - .
 - a. $8x - 3 + y$ if $x = 2$ and $y = 1$
 - b. $2xy$ if $x = 5$ and $y = -3$
 - c. $2x^2 - y$ if $x = 3$ and $y = 8$
- **A-11.** Simplify each expression. [Help \(Html5\)](#) ⇔ [Help \(Java\)](#)
 - .
 - a. $-\frac{1}{3} - \frac{1}{6}$
 - b. $-\frac{2}{3} \cdot 12$
 - c. $-4 \div -\frac{1}{2}$